Yielding behavior at channelized right-turn lanes: Cyclists or drivers first?



Wouter van Haperen, Stijn Daniels, Tim De Ceunynck, Nicolas Saunier, Tom Brijs & Geert Wets

wouter.vanhaperen@uhasselt.be





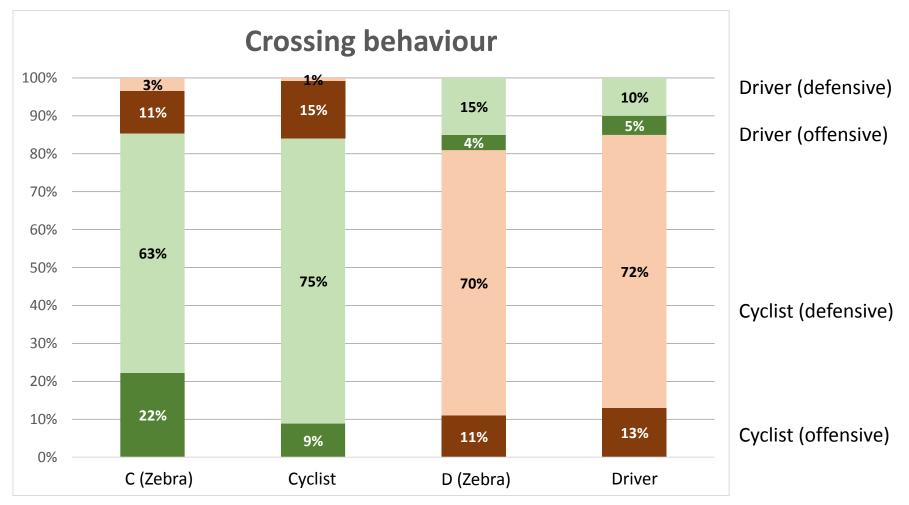
Types of crossing behaviour



Priority ruling adhered to?	Crossing style	
	Offensive	Defensive
Yes	Taking	Getting
No	Forcing	Receiving

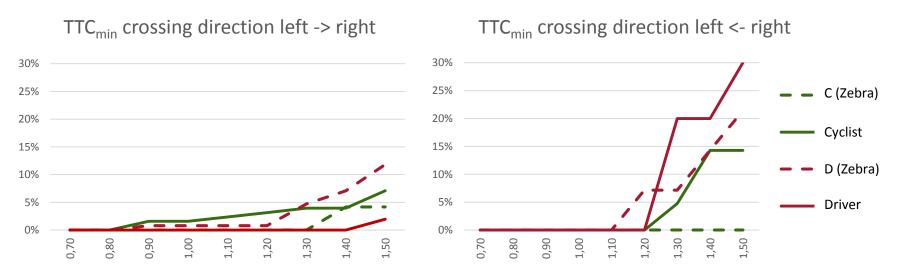


Informal traffic rule?



Influence on traffic safety

• TTCmin



Swedish Traffic Conflict Technique

Severe conflicts Priority \downarrow / Crossing direction \rightarrow	Left -> Right [#]	Left <- Right [#]
Cyclist	19 (50%)	2 (40%)
Driver	16 (37%)	6 (86 %)

What can we learn from this?

- Cyclist cross first more often, independent of the priority ruling (> 80%)
 - Similar observations found at an observation study at roundabouts, where in more than 70% of the cases cyclists crossed first (De Ceunynck et al, 2015)
 - Driver courtesy?
- No significant effect of the priority ruling on cyclists' safety
 - Hints that crossing from right to left with motorist priority yields higher proportions of severe conflicts



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